

ABSTRACT OF THE DISCLOSURE

The invention provides a spinnerette assembly for forming multicomponent hollow fibers of the sheath/core type. The spinnerette assembly contains an extrusion orifice and a core forming material passage in communication with the extrusion orifice. A hollow needle extends through the extrusion orifice in a concentric manner to define an annular passage surrounding the needle. The core forming material passage includes a core forming material inlet port extending from a surface of the spinnerette assembly to an interior of the assembly and a transverse passage extending from the core forming material port to the annular passage surrounding the needle. A bore forming fluid passage communicates with the interior of the needle. The spinnerette assembly contains at least one sheath forming material passage also in communication with the extrusion orifice.

09'133505 120800